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1	1. A device control device comprising:
2	speech recognition means which acquires speech data representing a speech and
3	specifies words candidates included in the speech by performing speech recognition on the
4	speech data and calculates a likelihood of each of the specified words candidates;
5	specifying means which specifies words included in the speech based on the
6	likelihoods calculated by the speech recognition means and specifies a content of the speech
7	uttered by an utterer based on the words specified; and
8	a database which stores preceding controls, subsequent controls, and weighting
9	factors, each of which is associated with one another; and
10	process execution means which specifies content of a subsequent control to be
11	performed on an external device to be a control target based on a currently executed control, a
12	weighting factor stored in association with the currently executed control and the content of the
13	uttered speech specified by the specifying means, and performs the subsequent control.
1	2. The device control device according to claim 1, wherein the speech
2	recognition means includes speech part specifying means which specifies a part of speech of the
3	specified words, and
4	the specifying means specifies a content of the speech uttered by the utterer based
5	only on those of the words specified by the speech recognition means which are specified as a
6	predetermined part of speech.
1	3. The device control device according to claim 2, wherein the specifying
2	means discriminates whether or not a combination of a plurality of words in the words specified
3	by the speech recognition means which is specified as a predetermined part of speech meets a
4	predetermined condition, and specifies a content of the speech uttered by the utterer based on a
5	discrimination result.

- 4. The device control device according to claim 1, wherein the specifying means holds information which associates words with one or more categories, and specifies a content of the speech uttered by the utterer based on a category in which the words specified by the speech recognition means are classified.
- 5. The device control device according to claim 1, wherein the specifying means holds correlation information which associates words of different meanings or different categories with each process of the process execution means, and specifies a content of the speech uttered by the utterer based on a combination of those words or categories which are specified by the speech recognition means, and the correlation information.
- 6. The device control device according to claim 1, wherein the specifying means holds information which associates words with one or more categories, and specifies a content of the speech uttered by the utterer based on a category in which a plurality of words specified by the speech recognition means are commonly classified.
- 7. The device control device according to claim 1, wherein the specifying means holds a plurality of words assigned to respective processes of the process execution means , and performs a corresponding process when at least one of the words specified by the speech recognition means is a word assigned to the process.
- 8. The device control device according to claim 1, wherein when a meaning of an input speech is not discriminatable, the specifying means prompts an input in a more discriminatable expression.
- 9. The device control device according to claim 1, further comprising information acquisition means which acquires information from an external device, and wherein the specifying means selects an output content to be output based on the information acquired by the information acquisition means.

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1	10. A device control device according to claim 1 further comprising:
2	information acquisition means which acquires information via predetermined
3	communication means; and
4	speech output means which outputs a speech based on the information acquired
5	by the information acquisition means,
6	whereby when the control specified by the process execution means is to output
7	information acquired by the information acquisition means, the speech output means outputs a
8	speech based on the information.
	11-18. (Canceled)
1	19. The device control device according to claim 10,
2	wherein process specifying means specifies a process to be performed based on
3	the specified content of the uttered speech.
	20-28. (Canceled)
1	29. The device control device according to claim 1, wherein the process
2	execution means includes means which, when the process specified as a process to be performed
3	is a process of presenting information externally received to the utterer, performs the
4	presentation by generating a speech which reads out the information.
	30. (Canceled)
1	31. The device control device according to claim 1 so constructed as to be
2	mountable on a vehicle having an on-vehicle device mounted thereon, wherein the process
3	extension means specifies a content of control to be performed on the on-vehicle device based or
4	the specified content of the uttered speech, and performs the specified control.
	32-38. (Canceled)

1	39. The device control device according to claim 31 further comprising:
2	information acquisition means which acquires information via predetermined
3	communication means; and
4	speech output means which outputs a speech based on the information acquired
5	by the information acquisition means,
6	whereby when the control specified by the process execution means is to output
7	information acquired by the information acquisition means, the speech output means outputs a
8	speech based on the information.
1	40. The device control device of claim 1 incorporated in a navigation device
2	so constructed as to be mountable on a vehicle,
3	wherein the process execution means specifies a content of a navigation process
4	to be performed based on the specified content of the uttered speech, and performs the specified
5	navigation process.
	41-47. (Canceled)
1	48. The device control device according to claim 40 further comprising:
2	information acquisition means which acquires information via predetermined
3	communication means; and
4	speech output means which outputs a speech based on the information acquired
5	by the information acquisition means,
6	whereby when the navigation process specified by the process execution means is
7	to output information acquired by the information acquisition means, the speech output means
8	outputs a speech based on the information.
1	49. The device control device of claim 1 incorporated in an audio device,
2	wherein the process execution means specifies a content of a speech process to be
3	performed based on the specified content of the uttered speech, and performs the specified

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speech process, or controls an external device in such a way as to cause the external device to perform the specified speech process.

50-56. (Canceled)

- 57. The device control device of claim 49 further comprising:
 information acquisition means which acquires information via predetermined
 communication means; and
 speech output means which outputs a speech based on the information acquired
 by the information acquisition means,
 whereby when the speech process specified by the process specifying means is to
 output information acquired by the information acquisition means, the speech output means
 outputs a speech based on the information.
- 1 58. A device control method comprising a computer performer: 2 a speech recognition step of acquiring speech data representing a speech and specifying words candidates included in the speech by performing speech recognition on the 3 4 speech data and calculating a likelihood of each of the specified words candidates; 5 a specifying step of specifying words included in the speech based on likelihoods 6 specified in the speech recognition step and specifying a content of the speech uttered by an 7 utterer based on the specified words; and 8 a process execution step of specifying content of a subsequent control to be 9 performed on an external device to be a control target based on a currently executed control, a 10 predetermined subsequent control, a weighting factor associated with the currently executed
 - 59. The device control method according to claim 58 further comprising: an information acquisition step of acquiring information via a predetermined communication device; and

control, and the specified content of the uttered speech, and performing the subsequent control.

4	a speech output step of outputting a speech based on the information acquired in
5	the information acquisition step,
6	whereby when the control specified in the process execution step is to output
7	information acquired in the information acquisition step, a speech is output based on the
8	information in the speech output step.
	60. (Canceled)
1	61. The device control method according to claim 10, wherein the process
2	execution step specifies a process to be performed based on the specified content of the uttered
3	speech.
	62 and 63. (Canceled)
1	64. The device control method according to claim 58 for controlling an on-
2	vehicle device mounted on a vehicle,
3	wherein the process execution step of specifies a content of control to be
4	performed on the on-vehicle device on the specified content of the uttered speech, and perform
5	the specified control.
1	65. The method according to claim 64 further comprising:
2	an information acquisition step of acquiring information via a predetermined
3	communication device; and
4	a speech output step of outputting a speech based on the information acquired in
5	the information acquisition step,
6	whereby when the control specified in the process execution step is to output
7	information acquired in the information acquisition step, a speech is output based on the
8	information in the speech output step.

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1	66. The device control method of claim 58 for controlling a navigation device
2	mounted on a vehicle,
3	wherein the process execution step specifies a content of a navigation process to
4	be performed based on the specified content of the uttered speech, and performs the specified
5	navigation process.
1	67. The method according to claim 66 further comprising:
2	an information acquisition step of acquiring information via a predetermined
3	communication device; and
4	a speech output step of outputting a speech based on the information acquired in
5	the information acquisition step,
6	whereby when the navigation process specified in the process execution step is to
7	output information acquired in the information acquisition step, a speech is output based on the
8	information in the speech output step.
1	68. The device control method of claim 58 for controlling an audio device,
2	wherein the process execution step specifies a content of a speech process to be
3	performed based on the specified content of the uttered speech, and performs the speech process,
4	or controls an audio device in such a way as to cause the audio device to perform the specified
5	speech process.
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1	69. The method of claim 68 further comprising:
2	an information acquisition step of acquiring information via a predetermined
3	communication device; and
4	a speech output step of outputting a speech based on the information acquired in
5	the information acquisition step,
6	whereby when the speech process specified in the process executing step is to
7	output information acquired in the information acquisition step, a speech is output based on the
8	information in the speech output step.

1	70. An information recording medium storing a program which allows a
2	computer to function as:
3	speech recognition means which acquires speech data representing a speech and
4	specifies words candidates included in the speech by performing speech recognition on the
5	speech data and calculates a likelihood of each of the specified words candidates;
6	specifying means which specifies words included in the speech based on
7	likelihoods calculated in the speech recognition means and specifies a content of the speech
8	uttered by an utterer based on the specified words
9	a database which stores preceding controls, subsequent controls, and weighting
10	factors, each of which are associated with one another therein; and
11	process execution means which specifies content of a subsequent control to be
12	performed on an external device to be a control target based on a currently executed control, a
13	weighting factor stored in association with the currently executed control, and the content of the
14	uttered speech specified by the specifying means, and performs the control.
1	71. The information recording medium according to claim 70 further
2	comprising a program causing the computer to function as:
3	information acquisition means which acquires information via predetermined
4	communication means; and
5	speech output means which outputs a speech based on the information acquired
6	by the information acquisition means,
7	whereby when the control specified by the process specifying means is to output
8	information acquired by the information acquisition means, the speech output means outputs a
9	speech based on the information.

(Canceled)

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1	73. The information recording medium according to claim 71,
2	wherein the process execution means specifies a process to be performed based on
3	the specified content of the uttered speech.
	74 and 75. (Canceled)
1	76. The information recording medium according to claim 70, wherein the
2	computer is incorporated in an on-vehicle device control device so constructed as to be
3	mountable on a vehicle,
4	wherein the process execution means which specifies a content of control to be
5	performed on the on-vehicle device based on the specified content of the uttered speech, and
6	performs the control.
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1	77. The information recording medium according to claim 76 further
2	comprising a program causing the computer to function as:
3	information acquisition means which acquires information via predetermined
4	communication means; and
5	speech output means which outputs a speech based on the information acquired
6	by the information acquisition means,
7	whereby when the control specified by the process execution means is to output
8	information acquired by the information acquisition means, the speech output means outputs a
9	speech based on the information.
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1	78. The information recording medium according to claim 70, wherein the
2	computer is incorporated in a navigation device so constructed as to be mountable on a vehicle,
3	wherein the process execution means specifies a content of a navigation process
4	to be performed based on the specified content of the uttered speech, and performs the specified
5	navigation process.

1	79. The information recording medium according to claim 78 further
2	comprising a program causing the computer to function as:
3	information acquisition means which acquires information via predetermined
4	communication means; and
5	speech output means which outputs a speech based on the information acquired
6	by the information acquisition means,
7	whereby when the navigation process specified by the process execution means is
8	to output information acquired by the information acquisition means, the speech output means
9	outputs a speech based on the information.
1	80. The information recording medium according to claim 70,
2	wherein the process execution means specifies a content of a speech process to be
3	performed based on the specified content of the uttered speech, and performs the specified
4	speech process, or controls an external device in such a way as to cause the external device to
5	perform the specified speech process.
1	81. The information recording medium according to claim 80 further
2	comprising a program causing the computer to function as:
3	information acquisition means which acquires information via predetermined
4	communication means; and
5	speech output means which outputs a speech based on the information acquired
6	by the information acquisition means,
7	whereby when the speech process specified by the process execution means is to
8	output information acquired by the information acquisition means, the speech output means
9	outputs a speech based on the information.